

See the attached Appendix for the changes made to effect the above claim(s)

Please add the following new claim(s):

13. (NEW) Process according to claim 1, wherein the catalyst further comprises chromium, gold, rhodium or ruthenium.

14. (NEW) Process according to claim 1, which further comprises carrying out the hydrogenation reaction for at least about 100 days without regeneration of the catalyst.

15. (NEW) Process according to claim 1, which further comprises regenerating the catalyst after it becomes contaminating resulting in a decline in hydrogenation activity.

16. (NEW) Process according to claim 15, wherein said regenerating comprises treating the contaminated catalyst with steam and air at an elevated temperature, followed by reduction with hydrogen at the elevated temperature.

17. (NEW) Process according to claim 1, wherein the amount of phenyl acetylene in the styrene-containing medium, is less than about 100 ppm.

18. (NEW) Process according to claim 1, wherein the amount of phenyl acetylene in the styrene-containing medium, is less than about 10 ppm.